

FORM PTO-1390  
REV. 5-93US DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

ATTORNEYS DOCKET NUMBER

P04,0446

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

**10/517092**

INTERNATIONAL APPLICATION NO.

INTERNATIONAL FILING DATE

PRIORITY DATE CLAIMED

PCT/DE03/01466

7 May 2003

6 June 2002

TITLE OF INVENTION: "ADJUSTABLE FILTER AND METHOD FOR ADJUSTING THE FREQUENCY"

APPLICANT(S) FOR DO/EO/US Christian Korden and Werner Ruile

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay.
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). **TWO (2) executed Declarations**
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11. to 16. below concern other document(s) or information included:**

11. ☒ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98; (PTO 1449, Prior Art, Search Report).
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. (See attached envelope containing two (2) executed Assignments)
13. ☒ A FIRST preliminary amendment.  
A SECOND or SUBSEQUENT preliminary amendment.
14. ☒ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:
  - a. ☒ Submission of Drawings - 2 sheets
  - b. ☒ EXPRESS MAIL # EV362543985US dated December 6, 2004
  - c. ☐

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.51) <div style="font-size: 2em; font-weight: bold; text-align: center;">107517092</div>		INTERNATIONAL APPLICATION NO. PCT/DE03/01466		ATTORNEY'S DOCKET NUMBER P04,0446	
--	--	---	--	--------------------------------------	--

17. <input type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):</b> Search Report has been prepared by the EPO or JPO ..... \$950.00  International preliminary examination fee paid to USPTO (37 C.F.R. 1.482) . \$750.00  No international preliminary examination fee paid to USPTO (37 C.F.R. 1.482) but international search fee paid to USPTO (37 C.F.R. 1.445(a)(2))..... \$790.00  Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2) paid to USPTO..... \$1110.00  International preliminary examination fee paid to USPTO (37 C.F.R. 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) ..... \$100.00  <div style="text-align: right;"><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></div>	CALCULATIONS	PTO USE ONLY																																																																														
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).																																																																																
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:20%;">Claims</th> <th style="width:20%;">Number Filed</th> <th style="width:10%;">Number Extra</th> <th style="width:10%;">Rate</th> <th style="width:20%;"></th> <th style="width:20%;"></th> </tr> <tr> <td>Total Claims</td> <td>30 - 20 =</td> <td>10</td> <td>X \$18.00</td> <td>\$180.00</td> <td></td> </tr> <tr> <td>Independent Claims</td> <td>1 - 3 =</td> <td>0</td> <td>X \$88.00</td> <td></td> <td></td> </tr> <tr> <td colspan="3">Multiple Dependent Claims</td> <td>\$300.00 +</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: right;"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td>\$1130.00</td> <td></td> </tr> <tr> <td colspan="6">Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 C.F.R. 1.9, 1.27, 1.28)</td> </tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL =</b></td> <td>\$1130.00</td> <td></td> </tr> <tr> <td colspan="6">Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</td> </tr> <tr> <td colspan="4" style="text-align: right;"><b>TOTAL NATIONAL FEE =</b></td> <td>\$1130.00</td> <td></td> </tr> <tr> <td colspan="6">Fee for recording the enclosed assignment (37 C.F.R. 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property</td> </tr> <tr> <td colspan="4" style="text-align: right;"><b>TOTAL FEES ENCLOSED =</b></td> <td>\$1130.00</td> <td></td> </tr> <tr> <td colspan="4"></td> <td style="text-align: center;">Amount to be refunded</td> <td></td> </tr> <tr> <td colspan="4"></td> <td style="text-align: center;">charged</td> <td></td> </tr> </table>	Claims	Number Filed	Number Extra	Rate			Total Claims	30 - 20 =	10	X \$18.00	\$180.00		Independent Claims	1 - 3 =	0	X \$88.00			Multiple Dependent Claims			\$300.00 +			<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$1130.00		Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 C.F.R. 1.9, 1.27, 1.28)						<b>SUBTOTAL =</b>				\$1130.00		Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).						<b>TOTAL NATIONAL FEE =</b>				\$1130.00		Fee for recording the enclosed assignment (37 C.F.R. 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property						<b>TOTAL FEES ENCLOSED =</b>				\$1130.00						Amount to be refunded						charged			
Claims	Number Filed	Number Extra	Rate																																																																													
Total Claims	30 - 20 =	10	X \$18.00	\$180.00																																																																												
Independent Claims	1 - 3 =	0	X \$88.00																																																																													
Multiple Dependent Claims			\$300.00 +																																																																													
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$1130.00																																																																												
Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 C.F.R. 1.9, 1.27, 1.28)																																																																																
<b>SUBTOTAL =</b>				\$1130.00																																																																												
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).																																																																																
<b>TOTAL NATIONAL FEE =</b>				\$1130.00																																																																												
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property																																																																																
<b>TOTAL FEES ENCLOSED =</b>				\$1130.00																																																																												
				Amount to be refunded																																																																												
				charged																																																																												

a. ☒ A check in the amount of \$1130.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$\_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 501519. A duplicate copy of this sheet is enclosed.

**NOTE:** Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

**SEND ALL CORRESPONDENCE TO:**

**Schiff Hardin LLP**  
 Patent Department  
 6600 Sears Tower  
 Chicago, Illinois 60606-6473  
 Customer Number 26574

**SIGNATURE**

**James D. Hobart**

**NAME**

**24,149**

**Registration Number**

**CERTIFICATE OF MAILING BY U.S. EXPRESS MAIL****"Express Mail" Mailing Label Number** EV362543985US**Date of Deposit:** December 6, 2004

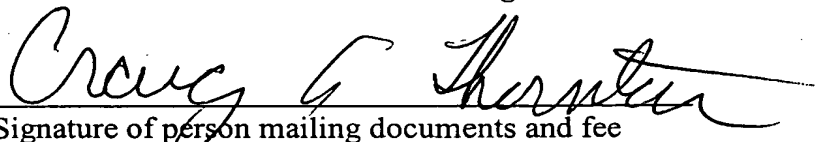
I hereby certify that this correspondence is being deposited with the United States Postal "Express Mail Post Office to Addressee" service under 37 CFR 1.10(c) on the date indicated above and is addressed to:

**Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**Case Number:** P04,0446**International Application No.**  
PCT/DE03/01466**International Filing Date**  
7 May 2003**Priority Date Claimed**  
6 June 2002**Title:** "ADJUSTABLE FILTER AND METHOD FOR ADJUSTING THE FREQUENCY"**Applicant(s):** Christian Korden and Werner Ruile**Enclosed are the following documents:**

International application as filed;  
English translation of application;  
Two Executed Declarations;  
Preliminary Amendment;  
Substitute Specification;  
Marked-up Copy of Specification;  
Letter Submitting Drawings - 2 sheets;  
Information Disclosure Statement, Form PTO-1449,  
Prior Art, Search Report;  
PTO 1390 in duplicate;  
Filing Fee: \$1,130.00;  
Postcard.

**Executed Assignments (2), PTO 1595 form, \$40.00  
filing fee, postcard, in attached envelope to be  
forwarded to the Assignment Branch.**

  
Signature of person mailing documents and fee

-1-

IN THE UNITED STATES ELECTED OFFICE OF  
THE UNITED STATES PATENT AND TRADEMARK OFFICE  
UNDER THE PATENT COOPERATION TREATY - CHAPTER I

SUBMISSION OF DRAWINGS

5 APPLICANTS: Christian Korden and Werner Ruile

ATTORNEY

DOCKET NO.: P04,0446

SERIAL NO.:

EXAMINER:

FILING DATE:

ART UNIT:

10 INTERNATIONAL APPLICATION NO.: PCT/DE03/01466

INTERNATIONAL FILING DATE: 7 May 2003

INVENTION: "ADJUSTABLE FILTER AND METHOD FOR ADJUSTING  
THE FREQUENCY"

15 **Mail Stop PCT**

Commissioner for Patents

P.O. Box 1450

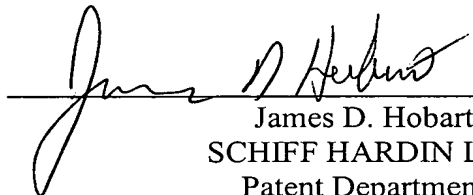
Alexandria, VA 22313-1450

S I R:

20 Attached herewith are two sheets of drawings containing Figs. 1-5.

Respectfully submitted,

25

 (Reg. No. 24,149)  
James D. Hobart

SCHIFF HARDIN LLP

Patent Department

6600 Sears Tower

30

233 South Wacker Drive

Chicago, Illinois 60606

(312) 258-5781

**Customer Number: 26574**

DATED: December 6, 2004